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SMITH & MONROE & GRAY ENGINEERS

MEMORANDUM

8-169-B

TO: Ralph Jones  
AGCC SEATTLE

FROM: Stephen Rinella  
SMG PORTLAND

DATE: March 23, 1992

RE: ASH GROVE SEATTLE - SITE DRAINAGE

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In response to your questions/comments last friday relating to the lift station cover capacity for superimposed loading, I submit the following:

1. The drawings reference specifications for the pre-cast concrete manholes including covers, grates and frames; our drawings do not specify any loading requirement for the lift station vault.
2. The (aluminum) "access cover" and (concrete) "lid" are standard items provided by the pump supplier. These facilities are often located in areas of normal vehicle traffic.

The "access cover" can be provided for standard or heavy duty loading. If the vault is not in an area of traffic then a standard cover is acceptable and can be protected by bollards perhaps in conjunction with protection for the goose-neck vent. A heavy duty cover should be used if heavy vehicular traffic is possible.

The "lid" is normally standard design used for either standard or heavy duty applications, however I cannot not confirm this by the specifications or manufacturer's literature. This should be confirmed (by the contractor) with the specific supplier for this project.

Let me know if I can be of any further help on the matter.

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